

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL2004/000499

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/543 H01M8/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 827 229 A (KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY) 4 March 1998 (1998-03-04) abstract; figures 2,4	9
A	WO 01/04061 A (KOREA INST SCIENCE TECHNOLOGY ;KIM BYUNGHONG (KR); PARK HYUNGSOO () 18 January 2001 (2001-01-18) cited in the application the whole document ----- -/--	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

24 June 2005

Date of mailing of the international search report

06/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Luis Alves, D

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL2004/000499

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KATZ E ET AL: "Self-powered enzyme-based biosensors." JOURNAL OF THE AMERICAN CHEMICAL SOCIETY. UNITED STATES 31 OCT 2001, vol. 123, no. 43, 31 October 2001 (2001-10-31), pages 10752-10753, XP002263243 ISSN: 0002-7863 the whole document -----	1-9
A	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 2003, CHAUDHURI S K ET AL: "Highly efficient conversion of glucose to electricity with a novel Fe(III)-reducing microorganism." XP002263245 Database accession no. PREV200300546705 abstract & ABSTRACTS OF THE GENERAL MEETING OF THE AMERICAN SOCIETY FOR, vol. 103, 2003, pages Q-320, 103rd American Society for Microbiology General Meeting; Washington, DC, USA; May 18-22, 2003, 2003 ISSN: 1060-2011 (ISSN print) -----	1-9
A	MANO NICOLAS ET AL: "A miniature biofuel cell operating at 0.78 V." CHEMICAL COMMUNICATIONS (CAMBRIDGE, ENGLAND) ENGLAND 21 FEB 2003, no. 4, 21 February 2003 (2003-02-21), pages 518-519, XP002263244 ISSN: 1359-7345 the whole document -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NL2004/000499

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0827229	A	04-03-1998	KR	224381 B1	15-10-1999
			EP	0827229 A2	04-03-1998
			JP	3022431 B2	21-03-2000
			JP	10233226 A	02-09-1998
			US	5976719 A	02-11-1999
<hr/>					
WO 0104061	A	18-01-2001	KR	2001009031 A	05-02-2001
			AU	3333500 A	30-01-2001
			CA	2378558 A1	18-01-2001
			CN	1364146 A ,C	14-08-2002
			EP	1232123 A1	21-08-2002
			JP	2004517437 T	10-06-2004
			WO	0104061 A1	18-01-2001
<hr/>					

Fast Available Copy